

DERWENT- 1983-834471
ACC-NO:

DERWENT- 198349
WEEK:

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Automobile body trim strip - has decorative foil under
lens like transparent overlay pref. polyurethane in
channel in elongate moulding

INVENTOR: WAUGH, R E

PATENT-ASSIGNEE: AULD D L CO[AULDN]

PRIORITY- 1983US-0468721 (February 28, 1983) , 1982US-0380783 (May
DATA: 21, 1982) , 1984US-0595877 (April 2, 1984)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|----------|
| EP 95236 A | November 30, 1983 | E | 015 | N/A |
| AU 8312959 A | November 24, 1983 | N/A | 000 | N/A |
| CA 1217522 A | February 3, 1987 | N/A | 000 | N/A |
| DE 3378974 G | February 23, 1989 | N/A | 000 | N/A |
| EP 95236 B | January 18, 1989 | E | 000 | N/A |
| JP 58221741 A | December 23, 1983 | N/A | 000 | N/A |
| JP 88061176 B | November 28, 1988 | N/A | 000 | N/A |
| US 32819 E | January 3, 1989 | N/A | 000 | N/A |
| US 4446179 A | May 1, 1984 | N/A | 000 | N/A |
| US 4566929 A | January 28, 1986 | N/A | 000 | N/A |

DESIGNATED-STATES: DE FR GB IT DE FR GB IT

CITED- A3...198544; FR 1417244 ; FR 2104142 ; GB 2067473 ; No-
DOCUMENTS: SR.Pub ; US 3881042 ; US 3994561 ; US 4351864

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|--------------|-----------------|----------------|-------------------|
| EP 95236A | N/A | 1983EP-0301873 | March 31, 1983 |
| JP 58221741A | N/A | 1983JP-0088330 | May 19, 1983 |
| US 32819E | N/A | 1986US-0848572 | April 7, 1986 |
| US 4446179A | N/A | 1983US-0468721 | February 28, 1983 |

US 4566929A N/A

1984US-0595877 April 2, 1984

INT-CL B29B011/04, B29C039/20 , B29C065/48 , B29D021/00 ,
(IPC): B29D031/00 , B29L031/58 , B60R013/04

ABSTRACTED-PUB-NO: EP 95236A

BASIC-ABSTRACT:

Strip is an elongate moulding with lower surface adherable to a vehicle body and a channel formed in its upper surface, a decorative surface in the channel, and a weather- and impact-resistant overlay formed over the decorative surface and having radiused edges to produce a lens effect.

The channel is pref. of rectangular cross-section and the decorative surface is provided by metal, plastics or metallised plastics foil. The overlay is pref. of flexible abrasion-resistant polyurethane which is cast in and fills the channel, forming a positive meniscus. The body moulding is e.g. of ABS, PVC, nylon, polycarbonate or acrylonitrile-styrene copolymer, and its lower surface is coated with adhesive covered by waxed or silicone release paper.

ABSTRACTED-PUB-NO: EP 95236B

EQUIVALENT-ABSTRACTS:

A process for forming a flexible trim strip suitable for application to an automobile body, said trim strip being formed from a flexible elongate base member having an upper surface and a lower surface, comprising the steps of:- forming said elongate base member with sharply defined peripheral edges but no upstanding side walls, casting a fluent plastics composition onto said elongate base member while said elongate base member is retained in a substantially flat condition free from surrounding side walls, such that said plastics composition flows to the sharply defined peripheral edges of said elongate base member and forms a positive meniscus, and curing said plastics composition to form a flexible, weather-resistant clear plastics cap to provide a lens effect to said elongate base member and thereby optically enhancing the appearance of said upper surface of said elongate base member as viewed through said clear plastics cap. (5pp)n

US 32819E

A trim strip assembly comprises an elongate moulding with a lower surface, attachment to a vehicle body, an elongate channel in its upper surface with a floor and two side walls and an elongate precast flexible trim strip.

The flexible precast trimstrip consists of a flexible element with sharply defined peripheral edges but no upstanding sidewalls and a flexible weather-resistant clear plastic cap. It is formed by overcoating the upper surface of the element with a fluent clear plastic which flows to sharply defined peripheral edges and forms a positive meniscus. The plastic is cured to form a lens effect.

ADVANTAGE - The appearance is optically enhanced as viewed through the plastic yet basic manufacture is unaltered. (5pp)

US 4446179A

Trim strip comprises an elongate moulding having a channel with a decorative surface on its upper surface, and a weather-resistant and impact-resistant clear plastic cast over the decorative surface to provide a lens effect.

The clear plastic is pref. of polyurethane and fills the channel.

The decorative surface may be a foil of metal, plastic, or metallised plastic. Strip is decorative and impact resistant. (5pp)t

US 4566929A

A process for forming a flexible trim strip for a car body, comprises casting a fluent plastic compsn. onto the upper surface of a flexible elongate foil member having an upper and a lower surface and sharply defined peripheral edges with no upstanding side walls, with the foil member retained in a flat condition. The plastic flows to the sharply-defined edges and forms a positive meniscus. The plastic is cured to form a flexible, weather-resistant clear plastic cap. The foil member and plastic cap are then secured into an elongate channel of an elongate flexible moulding pref. by a layer of adhesive. The plastic is pref. flexible, abrasion-resistant polyurethane.

ADVANTAGE - The decorative effects of the trim can be varied without altering the basic mfr. of the trim. (3pp)t

CHOSEN- Dwg.0/3
DRAWING:

TITLE- AUTOMOBILE BODY TRIM STRIP DECORATE FOIL LENS TRANSPARENT
TERMS: OVERLAY PREFER POLYURETHANE CHANNEL ELONGATE MOULD

DERWENT-CLASS: A95 Q17

CPI-CODES: A05-G01E; A12-T04;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

| | | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|
| Key | 0205 | 0222 | 0231 | 1294 | 1306 | 2020 | 2198 | 2315 | 2437 | 2439 | 2493 |
| Serials: | 2498 | 2513 | 2532 | 2535 | 2595 | 2605 | 2617 | 2628 | 2657 | 3258 | 2682 |
| | 2725 | 2726 | 2728 | 3300 | 2829 | 0209 | 0759 | 0306 | 3160 | 0376 | 0009 |
| | 0307 | 3161 | 0377 | 1096 | 1283 | 1292 | | | | | |
| Multipunch | 013 | 04- | 05- | 061 | 062 | 063 | 150 | 229 | 231 | 311 | 314 |
| Codes: | 431 | 435 | 442 | 443 | 47& | 471 | 473 | 477 | 487 | 490 | 50& |
| | 543 | 551 | 556 | 560 | 566 | 57& | 597 | 598 | 609 | 651 | 672 |
| | 04- | 05- | 055 | 056 | 072 | 074 | 076 | 150 | 229 | 231 | 27& |
| | 38- | 42& | 431 | 435 | 442 | 443 | 47& | 471 | 473 | 477 | 487 |
| | 523 | 541 | 543 | 551 | 556 | 560 | 566 | 57& | 597 | 598 | 609 |
| | 032 | 034 | 04- | 05- | 055 | 056 | 072 | 074 | 076 | 117 | 122 |
| | 28& | 311 | 314 | 359 | 38- | 42& | 431 | 435 | 442 | 443 | 47& |
| | 487 | 490 | 50& | 516 | 523 | 541 | 543 | 551 | 556 | 560 | 566 |
| | 609 | 651 | 672 | 013 | 04- | 05- | 141 | 150 | 229 | 231 | 311 |
| | 42& | 431 | 435 | 442 | 443 | 47& | 471 | 473 | 477 | 487 | 490 |
| | 541 | 543 | 551 | 556 | 560 | 566 | 57& | 597 | 598 | 609 | 651 |
| | 05- | 143 | 150 | 155 | 157 | 158 | 229 | 231 | 311 | 314 | 359 |
| | 435 | 442 | 443 | 47& | 471 | 473 | 477 | 487 | 490 | 50& | 516 |
| | 551 | 556 | 560 | 566 | 57& | 597 | 598 | 609 | 651 | 672 | |

SECONDARY-ACC-NO:**CPI Secondary Accession Numbers:** C1983-118340**Non-CPI Secondary Accession Numbers:** N1983-217286